**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S1 | 1 | (directory directories (contact adj information)) near3 (identificaion identifying) adj code | US-PGPUB; USPAT | OR | OFF | 2010/08/10 13:54 |
| S2 | 3058 | (directory directories (contact adj information)) near3 code | US-PGPUB; USPAT | OR | OFF | 2010/08/10 13:54 |
| S3 | 597 | (directory directories (contact adj information)) same identification adj code | US-PGPUB; USPAT | OR | OFF | 2010/08/10 13:54 |
| S4 | 105 | (directory directories (contact adj information)) near25 identification adj code | US-PGPUB; USPAT | OR | OFF | 2010/08/10 13:54 |
| S5 | 33 | (directory directories (contact adj information)) near25 identification adj code and ((mobile wireless portable cell$4 handheld) adj (phone telephone terminal station unit device)) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 13:55 |
| S6 | 1 | "20020156895" | US-PGPUB; USPAT | OR | OFF | 2010/08/10 14:01 |
| S7 | 0 | (directory same (contact adj information)) same third adj party same (authoriz$7) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 14:06 |
| S8 | 3 | (directory same (contact adj information)) same third adj party same (authoriz$7) | US-PGPUB; USPAT | OR | ON | 2010/08/10 14:06 |
| S9 | 84 | (directory same (contact adj information)) same (authoriz$7) | US-PGPUB; USPAT | OR | ON | 2010/08/10 14:06 |
| S10 | 44 | (directory same (contact adj information)) same third adj party | US-PGPUB; USPAT | OR | ON | 2010/08/10 14:06 |
| S11 | 481 | S10 and (contact adj information) (directory) near5 (access$3) near10 (identif$7 near3 code data information)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 14:07 |

| S12 | 1 | S10 and ((contact adj information) (directory)) near5 (access$3) near10 (identif$7 near3 (code data information)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 14:07 |
|-----|---|---|---|---|---|---|
| S13 | 84 | S9 | US-PGPUB; USPAT | OR | ON | 2010/08/10 14:08 |
| S14 | 7 | "6523116" | US-PGPUB; USPAT | OR | ON | 2010/08/10 14:10 |
| S15 | 92 | ((address telephone phone) adj (book directory)) same (identification identifying) adj code | US-PGPUB; USPAT | OR | OFF | 2010/08/10 15:43 |
| S16 | 3936961 | @ad<"20020804" | US-PGPUB; USPAT | OR | OFF | 2010/08/10 15:43 |
| S17 | 38 | S15 and S16 | US-PGPUB; USPAT | OR | OFF | 2010/08/10 15:43 |
| S18 | 39 | ((address telephone phone) adj (book directory)) same (server database network provider) same (authoriz$6 near5 (access$3 retriev $3)) and ((unique adj identifier) ((identifying identification) adj code)) same (server database network) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 15:50 |
| S19 | 40 | ((address telephone phone) adj (book directory)) same (server database network provider) same (authoriz$6 near5 (access$3 retriev $3)) and ((unique adj identifier) ((identifying identification) adj code)) same (server database provider network) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 15:51 |
| S20 | 8 | S16 and S19 | US-PGPUB; USPAT | OR | OFF | 2010/08/10 15:51 |
| S21 | 184 | ((address telephone phone) adj (book directory)) same (server database network provider) same ((unique adj identifier) ((identifying identification) adj code)) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 16:10 |
| S22 | 44 | S16 and S21 | US-PGPUB; USPAT | OR | OFF | 2010/08/10 16:10 |

| S23 | 5086 | (authoriz$6 near5 (access $3 retriev$3)) same (identifier (identification adj code) (access adj number)) | US-PGPUB; USPAT | OR | | OFF | 2010/08/10 16:11 |
| S24 | 1 | S22 and S23 | US-PGPUB; USPAT | OR | | OFF | 2010/08/10 16:11 |
| S25 | 4990 | (access$3 retriev$3 request $3) near25 (identifier ((identification identifying) adj code) (access adj number)) same (book directory (contact adj information)) | US-PGPUB; USPAT | OR | | ON | 2010/08/10 16:25 |
| S26 | 1633 | S16 and S25 | US-PGPUB; USPAT | OR | | ON | 2010/08/10 16:25 |
| S27 | 2728 | (access$3 retriev$3 request $3) near25 (identifier ((identification identifying) adj code) (access adj number)) near25 (book directory (contact adj information)) | US-PGPUB; USPAT | OR | | ON | 2010/08/10 16:26 |
| S28 | 938 | S16 and S27 | US-PGPUB; USPAT | OR | | ON | 2010/08/10 16:26 |
| S29 | 7 | S21 and S28 | US-PGPUB; USPAT | OR | | OFF | 2010/08/10 16:27 |
| S30 | 95 | ((address telephone phone) adj (book directory)) near15 ((unique adj identifier) ((identifying identification) adj code)) | US-PGPUB; USPAT | OR | | OFF | 2010/08/10 16:30 |
| S31 | 109 | ((address telephone phone) adj (book directory)) near15 ((unique adj identifier) ((identifying identification) adj code)) | US-PGPUB; USPAT | OR | | ON | 2010/08/10 16:30 |
| S32 | 37 | S16 and S31 | US-PGPUB; USPAT | OR | | ON | 2010/08/10 16:30 |
| S33 | 79 | ((address telephone phone) adj (book directory)) near5 (request $3) and request$3 near15 ((unique adj identifier) ((identifying identification) adj code)) | US-PGPUB; USPAT | OR | | ON | 2010/08/10 16:33 |
| S34 | 23 | S16 and S33 | US-PGPUB; USPAT | OR | | ON | 2010/08/10 16:33 |

| S39 | 0 | ((address telephone phone) adj (book directory)) near5 ((access adj number) (unique adj identifier) (identif$7 adj code)) same (authroriz$6) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 17:37 |
|-----|-----|-----|-----|-----|-----|-----|
| S40 | 72 | ((address telephone phone) adj (book directory)) near5 ((access adj number) (unique adj identifier) (identif$7 adj code)) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 17:37 |
| S41 | 18 | S16 and S40 | US-PGPUB; USPAT | OR | OFF | 2010/08/10 17:37 |
| S42 | 112 | ((address telephone phone) adj (book directory)) same (user subscriber account) near5 ((access adj number) (unique adj identifier) (identif$7 adj code)) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 17:38 |
| S43 | 29 | S16 and S42 | US-PGPUB; USPAT | OR | OFF | 2010/08/10 17:39 |
| S44 | 101 | ((address telephone phone) adj (book directory)) near5 ((access adj number) (unique adj identifier) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 17:44 |
| S45 | 36 | S16 and S44 | US-PGPUB; USPAT | OR | ON | 2010/08/10 17:44 |
| S46 | 27 | unique adj identifier same (identif$7 adj code) same (directory) | US-PGPUB; USPAT | OR | ON | 2010/08/10 17:46 |
| S47 | 12 | S16 and S46 | US-PGPUB; USPAT | OR | ON | 2010/08/10 17:47 |
| S48 | 2 | ((address telephone phone) adj (book directory)) same unique adj identifier same (identif $7 adj code) | US-PGPUB; USPAT | OR | ON | 2010/08/10 17:48 |
| S49 | 43 | ((address telephone phone) adj (book directory)) same (subscriber) same ((access adj number) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:11 |
| S50 | 6 | S16 and S49 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:12 |

| S51 | 55 | ((address telephone phone adj (book directory)) same (subscriber account) same ((access adj number) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:13 |
|-----|-----|-----|-----|-----|-----|-----|
| S52 | 10 | S16 and S51 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:13 |
| S53 | 3 | ((address telephone phone) adj (book directory)) near5 shar$3 and (subscriber account) near15 ((access adj number) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:14 |
| S54 | 29 | ((address telephone phone) adj (book directory)) near5 shar$3 and ((access adj number) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:15 |
| S55 | 13 | S16 and S54 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:15 |
| S56 | 29 | ((address telephone phone contact) adj (book directory)) near5 shar$3 and ((access adj number) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:17 |
| S57 | 1 | ((address telephone phone contact) adj (book directory)) same (authorized adj access) same ((access adj number) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:18 |
| S58 | 606 | ((address telephone phone contact) adj (book directory)) near10 request $3 and ((access adj number) (identif$7 adj code) (unique$3 near2 identif$7)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:19 |
| S59 | 323 | ((address telephone phone contact) adj (book directory)) near10 request $3 and ((access adj number) (identif$7 adj code) (unique$3 near2 identif$7)) same request$3 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:19 |
| S60 | 111 | S16 and S59 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:19 |

| S61 | 236 | ((address telephone phone contact) adj (book directory)) near10 request $3 and ((access adj number) (identif$7 adj code) (unique$3 near2 identif$7)) near25 request $3 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:19 |
|-----|------|------|------|------|------|------|
| S62 | 72 | S16 and S61 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:20 |
| S63 | 4 | S62 and ((mobile wireless cell$4 handheld portable) adj (user device phone telephone subscriber terminal station unit)) same (telephone phone contact) adj (information directory) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:21 |
| S64 | 8 | S62 and ((mobile wireless cell$4 handheld portable) adj (user device phone telephone subscriber terminal station unit)) same shar$3 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:21 |
| S65 | 2 | mobitex same access adj number same (identification adj code) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:23 |
| S66 | 75 | ((unique adj (identifier code)) (identif$7 adj code) (access adj (number code))) near5 (directory subdirectory) same ((phone telephone contact address) adj (book address directory database)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:26 |
| S67 | 35 | S16 and S66 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:26 |
| S68 | 1312 | (account subscriber) near10 (directory database) same ((telephone phone address) adj (book database directory directories)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:36 |
| S69 | 580 | S16 and S68 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:36 |
| S70 | 89 | S69 and (book database directory directories) near5 ((access adj number) (identif$7 adj code) identifier) | US-PGPUB, USPAT | OR | ON | 2010/08/10 18:37 |

| S71 | 14 | S70 and (book database directory directories) near5 (shar$3 (third adj party) (authorized near2 users)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:37 |
|-----|-----|-----|-----|-----|-----|-----|
| S72 | 553 | (request$3 retriev$3) near4 ((address adj book) ((phone telephone) adj directory)) same (server network gateway) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:45 |
| S73 | 160 | S16 and S72 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:45 |
| S74 | 11 | S73 and ((access adj code number) (unique adj identifier) (identif$7 adj code)) same ((address adj book) ((phone telephone) adj directory)) same (server network gateway) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:46 |
| S75 | 146 | ((address adj book) ((phone telephone) adj directory)) same (server network provider gateway) and (user subscriber client) near10 (authoriz$7) same (identif$7 adj (code number)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:57 |
| S76 | 59 | S16 and S75 | US-PGPUB; USPAT | OR | ON | 2010/08/10 18:57 |
| S77 | 41 | ((address adj book) ((phone telephone) adj directory)) same ((account adj information) (directory adj information)) near5 (code identifier) | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:02 |
| S78 | 32 | S16 and S77 | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:02 |
| S79 | 5 | ((address adj book) ((phone telephone) adj directory)) same account near5 ((identif$7 adj code) (unique adj identifier)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:04 |
| S80 | 0 | ((phone telephone) adj (directory subdirectory)) and accound near5 (identifier (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:06 |
| S81 | 147 | ((phone telephone) adj (directory subdirectory)) and account near5 (identifier (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:06 |

| S82 | 64 | S16 and S81 | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:07 |
|-----|-----|-------------|-----------------|-----|-----|------------------|
| S83 | 0 | "10635955" | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:07 |
| S84 | 1 | "10/635955" | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:08 |
| S85 | 2 | "20040203579" | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:12 |
| S86 | 49 | (((telephone phone) adj directory) (address adj book)) near5 ((access adj code) (access adj number)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:15 |
| S87 | 22 | S16 and S86 | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:15 |
| S88 | 178 | ((address telephone phone) adj (book directory)) near15 ((unique adj identifier) (identif$7 adj code) (access adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:28 |
| S89 | 78 | S16 and S88 | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:28 |
| S90 | 38 | ((address telephone phone) adj (book directory)) near15 ((unique adj identifier) (identif$7 adj code) (access adj (number code))) same subscriber | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:36 |
| S91 | 5 | S16 and S90 | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:36 |
| S92 | 29 | ((address telephone phone) adj (book directory)) same (phone telephone) adj number same directory near5 ((access adj (number code)) (unique adj identifier) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:38 |
| S93 | 17 | S16 and S92 | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:39 |
| S94 | 15 | ((address telephone phone) adj (book directory)) near5 ((access adj (code number)) (identif $7 adj code) (unique adj identifier)) same subscriber | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:41 |
| S95 | 2 | S16 and S94 | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:41 |

| S96 | 542 | ((address telephone phone) adj (book directory)) near5 (creat$3 generat$3) same (server network provider) | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:42 |
|-----|-----|-----|-----|-----|-----|-----|
| S97 | 120 | S16 and S96 | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:43 |
| S98 | 92 | ((address telephone phone) adj (book directory)) near5 (((access $3 identif$7) adj code) (unique adj identifier)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:43 |
| S99 | 34 | S16 and S98 | US-PGPUB; USPAT | OR | ON | 2010/08/10 19:44 |
| S100 | 19 | "5349629" | US-PGPUB; USPAT | OR | OFF | 2010/08/10 20:09 |
| S101 | 10 | "6526129" | US-PGPUB; USPAT | OR | OFF | 2010/08/10 20:11 |
| S102 | 6049 | ((address telephone phone) adj (book directory directories)) same (telephone adj numbers) | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:19 |
| S103 | 2249 | S16 and S102 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:20 |
| S104 | 2549 | ((address telephone phone) adj (book directory directories)) same (subscriber) | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:20 |
| S105 | 292 | S103 and S104 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:20 |
| S106 | 27 | S103 and ((address telephone phone) adj (book directory directories)) near5 ((access adj (code number)) (unique adj identifier) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:31 |
| S107 | 2 | ((address telephone phone) adj (book directory directories)) near5 ((access adj (code number)) (unique adj identifier) (identif$7 adj code)) near5 assign$7 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:35 |
| S108 | 5 | ((address telephone phone) adj2 (book directory directories)) near5 ((access adj (code number)) (unique adj identifier) (identif$7 adj code)) near5 assign$7 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:37 |

| S109 | 7 | ((address telephone phone) adj2 (book directory directories)) near15 ((access adj (code number)) (unique adj identifier) (identif$7 adj code)) near5 assign$7 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:38 |
|------|---|---|---|---|---|---|
| S110 | 137 | ((address telephone phone) adj2 (book directory directories)) near5 ((access adj (code number)) (unique adj identifier) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:39 |
| S111 | 52 | S16 and S110 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:39 |
| S112 | 2 | S111 and ((mobile wireless cell$4 portable handheld) adj (unit device telephone terminal station susbcriber client)) same request$3 same (directory book) | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:40 |
| S113 | 4 | S111 and ((mobile wireless cell$4 portable handheld) adj (unit device telephone terminal station susbriber client)) same request$3 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:40 |
| S114 | 75 | (user subscriber) near2 account near5 correspond $3 near5 (code identifier) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 20:46 |
| S115 | 0 | (user subscriber) near2 account near5 correspond $3 near5 (code identifier) same (directory near2 telephone) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 20:47 |
| S116 | 5 | (user subscriber) near2 account near5 correspond $3 near5 (code identifier) and (directory near2 telephone) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 20:47 |
| S117 | 28 | ((address telephone phone) adj2 (book directory directories)) near5 assign$7 near3 (code identifier) | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:48 |
| S118 | 5 | S16 and S117 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:48 |

| S119 | 81 | ((address telephone phone) adj2 (book directory subdirectory sub-directory directories)) near15 (assign$7 transmi$7) near5 (access adj (code number)) (identif$7 adj code) identifier) | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:51 |
|------|------|------|------|------|------|------|
| S120 | 20 | S16 and S119 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:51 |
| S121 | 114 | ((address telephone phone) adj2 (book directory)) near15 request $3 and authoriz$6 and assign$7 near5 ((access adj (code number)) (identif$7 adj code) identifier) | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:54 |
| S122 | 28 | S16 and S121 | US-PGPUB; USPAT | OR | ON | 2010/08/10 20:54 |
| S123 | 4 | ((address telephone phone) adj2 (book directory directories)) near5 (access$3) near15 assign$7 near7(code identifier) | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:26 |
| S124 | 172 | ((address telephone phone) adj2 (book directory directories)) near10 (server network database) and assign$7 near5 ((access adj code) (identif$7 adj code) (unique adj identifier)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:30 |
| S125 | 3940216 | @ad<"20020807" | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:31 |
| S126 | 51 | S124 and S125 | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:31 |
| S127 | 15 | ((address telephone phone) adj2 (book directory directories)) near10 (server network database) and assign$7 near5 ((access adj code) (identif$7 adj code) (unique adj identifier)) same (book directory) | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:31 |
| S128 | 4 | S125 and S127 | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:32 |

| S129 | 2 | (plurality multiple) adj2 (telephone phone) adj directories same (directory directories) near5 (identifier (identif$7 adj code) (access adj number)) | US-PGPUB; USPAT | OR | OFF | 2010/08/10 22:43 |
| --- | --- | --- | --- | --- | --- | --- |
| S130 | 2522330 | ((identif$7 adj code) (unique adj identifier) (access adj code)) near5 (identifying) n ear5 ((address adj book) ((telephone phone) adj (book directory))) | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:46 |
| S131 | 2 | ((identif$7 adj code) (unique adj identifier) (access adj code)) near5 (identifying) near5 ((address adj book) ((telephone phone) adj (book directory))) | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:46 |
| S132 | 448 | ((address telephone phone) adj2 (book directory directories)) near5 (transfer$5 transmi $5) same ((mobile wireless portable cell$4 handheld) adj (phone telephone terminal device station unit)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:59 |
| S133 | 100 | S125 and S132 | US-PGPUB; USPAT | OR | ON | 2010/08/10 22:59 |
| S134 | 20 | S133 and ((unique adj identifier) (access adj code) (identif$7 adj code)) | US-PGPUB; USPAT | OR | ON | 2010/08/10 23:02 |
| S149 | 5210 | ((phone telephone address) adj (book directory)) near15 (server provider network) | US-PGPUB; USPAT | OR | ON | 2010/08/11 19:55 |
| S150 | 3940216 | @ad<"20020807" | US-PGPUB; USPAT | OR | ON | 2010/08/11 19:57 |
| S151 | 1475 | S149 and S150 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:02 |
| S152 | 14151 | directory near4 (ID identif $7 (access adj code) (access adj number)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:03 |
| S153 | 252 | S151 and S152 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:03 |

| S154 | 2058 | ((phone telephone address) adj (book directory)) near25 (request $3) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:07 |
| S155 | 62 | S153 and S154 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:07 |
| S156 | 14159 | directory near4 (ID identif $7 (access adj code) (identif$7 adj code) (access adj number)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:08 |
| S157 | 252 | S151 and S156 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:08 |
| S158 | 62 | S157 and S154 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:09 |
| S159 | 9147 | ((mobile wireless portable handheld cell$4) adj (phone telephone terminal unit station device subscriber user)) same ((phone telephone address) adj (book directory)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:15 |
| S160 | 25 | S158 and S159 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:15 |
| S161 | 32 | ((phone telephone address) adj (book directory)) near3 (identifier (access adj code)) near3 unique$2 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:29 |
| S162 | 9 | S150 and S161 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:29 |
| S163 | 0 | ((phone telephone address) adj (book directory)) near3 each near6 (ID identif$7 (access adj code) (identif$7 adj code) (access adj number)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:32 |
| S164 | 1109 | ((phone telephone address) adj (book directory)) near4 (data entry information) near5 (ID identif$7 (access adj code) (identif$7 adj code) (access adj number)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:33 |
| S165 | 289 | S150 and S164 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:33 |

| S166 | 6 | ((phone telephone address) adj (book directory)) near4 (data entry information) near5 (ID identif$7 (access adj code) (identif$ adj code) (access adj number)) same directories | US-PGPUB; USPAT | OR | OFF | 2010/08/11 20:34 |
|------|-----|------|------|------|------|------|
| S167 | 4 | S150 and S166 | US-PGPUB; USPAT | OR | OFF | 2010/08/11 20:34 |
| S168 | 496 | ((phone telephone address) adj (book directory)) near4 (data entry information) near5 (ID identif$7 (access adj code) (identif$ adj code) (access adj number)) and directories | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:36 |
| S169 | 172 | S150 and S168 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:36 |
| S170 | 3616 | S169 different near4 ((access adj number) (access adj code) (identif $7 adj code) (access adj number)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:37 |
| S171 | 0 | S169 and different near4 ((access adj number) (access adj code) (identif $7 adj code) (access adj number)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:38 |
| S172 | 51 | S169 and directory near3 identif$7 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:38 |
| S173 | 3 | S169 and directory near3 (access adj (code number)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:39 |
| S174 | 188 | directory near3 (access adj (code number)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:43 |
| S175 | 240 | directory near3 ((access identif$4) adj (code number)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:43 |
| S176 | 125 | S150 and S175 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:43 |
| S177 | 15 | S159 and S176 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:44 |
| S178 | 1420 | ((phone telephone address) adj (book directory)) near3 (server provider) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:46 |
| S179 | 3943448 | S150 abd S178 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:46 |

| S180 | 428 | S150 and S178 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:46 |
|------|-----|---------------|-----------------|-----|-----|-------------------|
| S181 | 31 | S180 and (directory (address adj book)) near5 (access$3 request$3) near10 (code identif$7) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:49 |
| S182 | 3068 | ((phone telephone address) adj (book directory)) near5 (server network provider) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:53 |
| S183 | 3 | S182 and directory near5 group near10 (identifier) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:54 |
| S184 | 69 | ((phone telephone address) adj (book directory)) near10 (unique adj (identifier code)) | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:55 |
| S185 | 18 | S150 and S184 | US-PGPUB; USPAT | OR | ON | 2010/08/11 20:55 |
| S186 | 0 | "10635955" | US-PGPUB; USPAT | OR | OFF | 2011/01/30 11:59 |
| S187 | 1 | "10/635955" | US-PGPUB; USPAT | OR | OFF | 2011/01/30 11:59 |
| S188 | 19 | (telephone phone) adj directory same (predetermined dedicated) adj (key button) | US-PGPUB; USPAT | OR | OFF | 2011/01/30 12:28 |
| S189 | 5 | (telephone phone) adj directory same (predetermined dedicated) adj (key button) and directory near5 (network provider server database) | US-PGPUB; USPAT | OR | OFF | 2011/01/30 12:29 |
| S190 | 8 | (telephone phone) adj directory same (predetermined dedicated) adj (key button) and directory near5 (network provider server database) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:29 |
| S191 | 979 | (telephone phone address) adj (book directory) near6 ((transmi$7 send$3) and (receiv$3)) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:38 |
| S192 | 503 | (telephone phone address) adj (book directory) near3 ((transmi$7 send$3) and (receiv$3)) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:38 |
| S193 | 39 | S192 and ((transmi$7 send $3) and (receiv$3)) near2 (key button) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:39 |

| S194 | 6 | S193 and (key button) near5 (dedicated predetermined) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:39 |
| S195 | 2 | (telephone phone address) adj (book directory) near3 ((transmi$7 send$3) and (receiv$3)) near5 (button keypad) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:41 |
| S196 | 104 | S192 and ((transmi$7 send $3) and (receiv$3)) near2 (key function button) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:42 |
| S197 | 3942075 | @ad<"20020807" | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:43 |
| S198 | 27 | S196 and S197 | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:43 |
| S199 | 26 | (telephone phone address) adj (book directory) near3 (transmi$7 send$3) near5 (storage stor$3) near5 (server provider network) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:46 |
| S200 | 5 | S197 and S199 | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:46 |
| S201 | 170 | S191 and (telephone phone address) adj (book directory) near4 (stor$3) near4 (network provider external$3 server) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:48 |
| S202 | 30 | S197 and S201 | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:48 |
| S203 | 2 | S202 and (dedicated predetermined) near2 (key button entry input) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:49 |
| S204 | 9799 | ((mobile wireless portable cell$4 handheld) adj (phone telephone terminal station unit device)) same (telephone phone address) adj (book directory) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:50 |
| S205 | 1851 | S197 and S204 | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:50 |
| S206 | 451 | S191 and S204 | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:50 |
| S207 | 201 | S206 and (telephone phone address) adj (book directory) near5 select$3 | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:51 |
| S208 | 78 | S207 and select$3 near4 (key button keypat) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:51 |
| S209 | 85 | S207 and select$3 near4 (key button keypad) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:51 |

| S210 | 11 | S209 and (telephone phone address) adj (book directory) near5 (send transmit) same (key button keypad) | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:52 |
| S211 | 2 | S197 and S210 | US-PGPUB; USPAT | OR | ON | 2011/01/30 12:53 |
| S212 | 1 | (telephone phone address) adj (book directory) same (transmit and send) adj (key button) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:06 |
| S213 | 26 | (telephone phone address) adj (book directory) near6 (backup) near10 (database server network) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:07 |
| S214 | 7 | S197 and S213 | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:07 |
| S215 | 98 | ((transfer send transmit) adj (key button) and (receive) adj (key button)) same ((mobile portable wireless cell$4 handheld) adj (phone telephone station unit device terminal)) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:19 |
| S216 | 11 | S197 and S215 | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:20 |
| S217 | 0 | ((telephone phone address) adj (book directory)) near5 ((backed adj up) stor$3) near5 (predetermined pre-determined dedicated send transmit) adj (key button) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:23 |
| S218 | 61 | ((telephone phone address) adj (book directory)) near5 ((backed adj up) stor$3) same (predetermined pre-determined dedicated send transmit) adj (key button) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:23 |
| S219 | 31 | S197 and S218 | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:23 |
| S220 | 522 | ((telephone phone address contact) adj (book directory)) near5 shar$3 | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:29 |
| S221 | 13 | ((telephone phone address contact) adj (book directory)) near5 shar$3 same (autenticat$3 authoriz$3) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:32 |

| S222 | 370 | ((telephone phone address contact) adj (book directory)) near5 shar$3 same (users participants subscribers) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:33 |
| S223 | 76 | S197 and S222 | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:33 |
| S224 | 0 | S223 and (dedicated predetermined pre-determined) adj (key button) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:33 |
| S225 | 4 | S222 and (dedicated predetermined pre-determined) adj (key button) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:33 |
| S226 | 3 | S223 and (dedicated predetermined pre-determined send transmit receiv$3) adj (key button) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:34 |
| S227 | 2143128 | ((mobile wireless portable cell$4 handheld) adj (phone telephone terminal unit station device)) same (dedicated predetermined pre-determined) adj (key button) nearr5 ((transmi$5 send$3) and (receiv$3)) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:36 |
| S228 | 15 | ((mobile wireless portable cell$4 handheld) adj (phone telephone terminal unit station device)) same ((dedicated predetermined pre-determined) adj (key button)) near5 ((transmi$5 send$3) and (receiv$3)) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:37 |
| S229 | 5 | S197 and S228 | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:38 |
| S230 | 481 | ((telephone phone address contact) adj (book directory)) near5 shar$3 and ('receive key') | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:40 |
| S231 | 97 | S197 and S230 | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:40 |
| S232 | 4 | ((telephone phone address contact) adj (book directory)) near5 shar$3 and ("receive key") | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:41 |
| S233 | 7 | ((telephone phone address contact) adj (book directory)) same ("receive key") | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:41 |

| S234 | 1 | ((telephone phone address contact) adj (book directory)) same send/receive adj key | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:43 |
| S235 | 1 | ((telephone phone address contact) adj (book directory)) and (directory book) same send/receive adj key | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:44 |
| S236 | 40 | ((telephone phone address contact) adj (book directory)) and (directory book) same send adj key and (transmi$7 receiv$3) adj key | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:45 |
| S237 | 31 | S197 and S236 | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:45 |
| S238 | 20 | "6873841" | US-PGPUB; USPAT | OR | OFF | 2011/01/30 13:50 |
| S239 | 85 | ((telephone phone address contact) adj (book directory)) and (directory book) and (single adj key) near5 (transmi$7 receiv$3 send$3) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:55 |
| S240 | 35 | S197 and S239 | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:55 |
| S241 | 1 | (telephone phone contact address) adj (address book directory) same (transmit and send) adj (key button) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:56 |
| S242 | 2026 | (telephone phone contact address) adj (address book directory) near5 (stor$3) near4 (server database provider network) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:57 |
| S243 | 55 | S242 and (receiv$3 retriev $3) adj (button key) | US-PGPUB; USPAT | OR | ON | 2011/01/30 13:58 |
| S244 | 60 | "5,930,703" | US-PGPUB; USPAT | OR | ON | 2011/01/30 14:02 |
| S245 | 366 | ((telephone phone address contact) adj (book directory)) and (directory book) same (softkey (soft adj key)) | US-PGPUB; USPAT | OR | ON | 2011/01/30 14:07 |
| S246 | 111 | S197 and S245 | US-PGPUB; USPAT | OR | ON | 2011/01/30 14:07 |
| S247 | 0 | S246 and softkey near5 (receiv$3 send$3 transmi $7) near5 (server network provider) | US-PGPUB; USPAT | OR | ON | 2011/01/30 14:09 |

| S248 | 6 | S246 and key near5 (receiv $3 send$3 transmi$7) near5 (server network provider) | US-PGPUB; USPAT | OR | | ON | 2011/01/30 14:09 |
| S249 | 0 | ((telephone phone address contact) adj (book directory)) near5 (stor$3) near5 (remote$2 server network) near15 select$2 adj key near5 retriev$3 | US-PGPUB; USPAT | OR | | ON | 2011/01/30 15:29 |

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